

Fig. 1

FIG. 2A is a schematic diagram of a system for processing a material. The system includes a material input 10, a processing unit 17, a control unit 18, a storage unit 19, a transport unit 20, a processing unit 21, a control unit 22, a storage unit 23, a transport unit 24, a processing unit 25, a control unit 26, a storage unit 27, a transport unit 28, a processing unit 29, a control unit 30, a storage unit 31, a transport unit 32, a processing unit 33, a control unit 34, a storage unit 35, a transport unit 36, a processing unit 37, a control unit 38, a storage unit 39, a transport unit 40, a processing unit 41, a control unit 42, a storage unit 43, a transport unit 44, a processing unit 45, a control unit 46, a storage unit 47, a transport unit 48, a processing unit 49, a control unit 50, a storage unit 51, a transport unit 52, a processing unit 53, a control unit 54, a storage unit 55, a transport unit 56, a processing unit 57, a control unit 58, a storage unit 59, a transport unit 60, a processing unit 61, a control unit 62, a storage unit 63, a transport unit 64, a processing unit 65, a control unit 66, a storage unit 67, a transport unit 68, a processing unit 69, a control unit 70, a storage unit 71, a transport unit 72, a processing unit 73, a control unit 74, a storage unit 75, a transport unit 76, a processing unit 77, a control unit 78, a storage unit 79, a transport unit 80, a processing unit 81, a control unit 82, a storage unit 83, a transport unit 84, a processing unit 85, a control unit 86, a storage unit 87, a transport unit 88, a processing unit 89, a control unit 90, a storage unit 91, a transport unit 92, a processing unit 93, a control unit 94, a storage unit 95, a transport unit 96, a processing unit 97, a control unit 98, a storage unit 99, a transport unit 100.

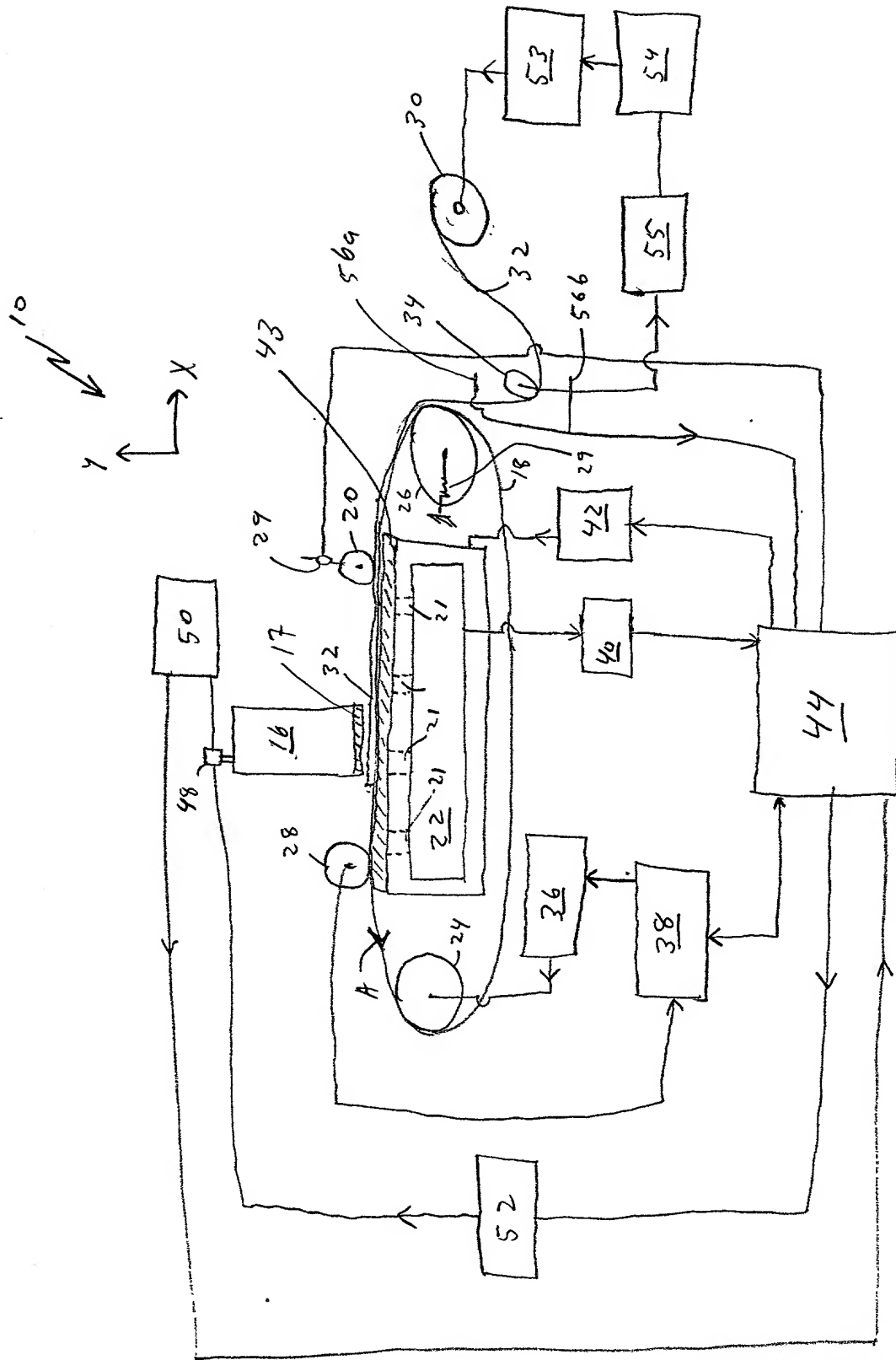


Fig. 2A





FIG. 4A is a perspective view of the device 14 in a closed position. The device 14 includes a frame 12 and a cover 14. The cover 14 is hinged to the frame 12 and is shown in a closed position. The device 14 is used to hold a sample 16. The sample 16 is placed in the device 14 and the cover 14 is closed. The device 14 is then used to analyze the sample 16.

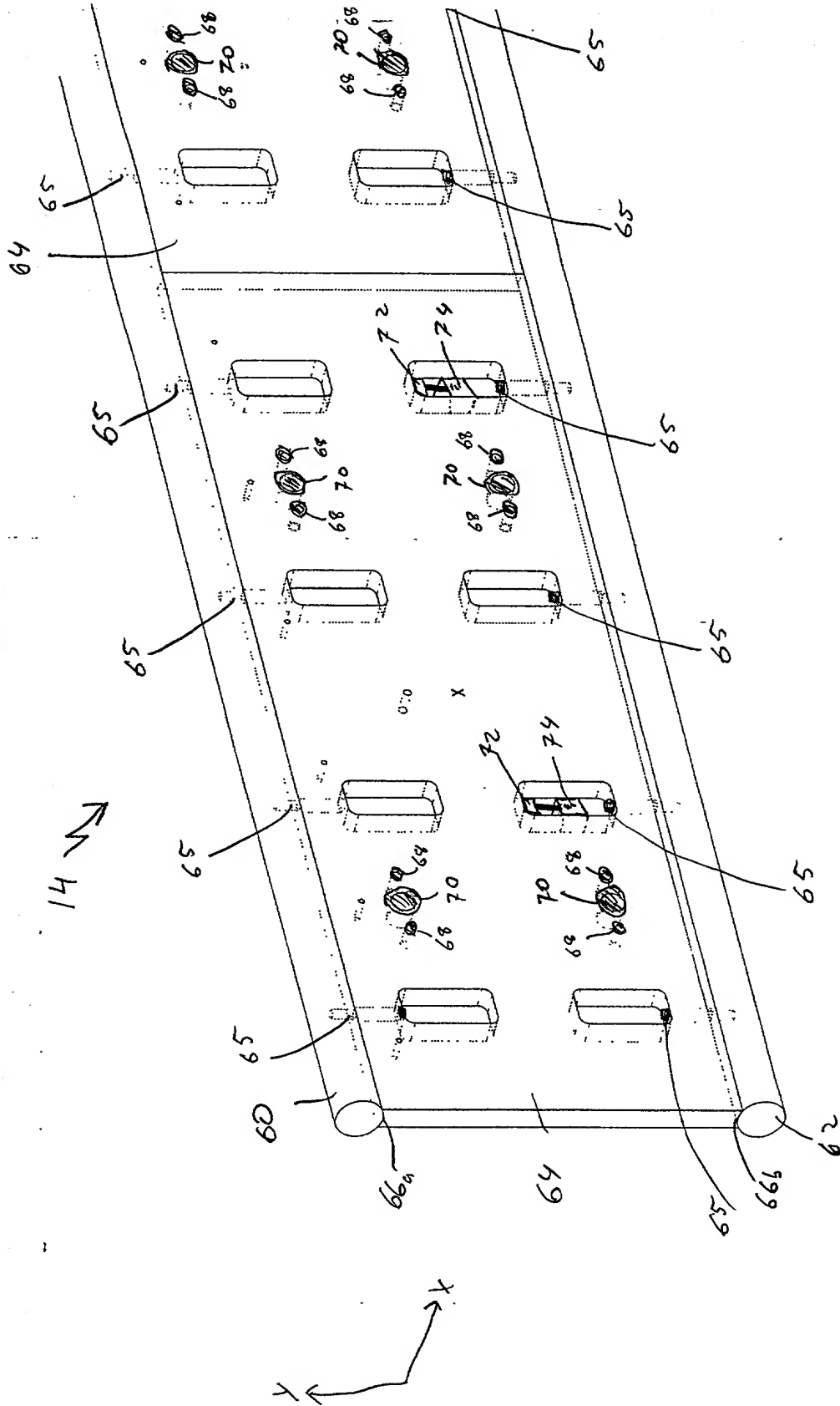


Fig. 4A

FIG. 4B is a cross-sectional view of the device taken along line 4-4 of FIG. 1. The device includes a housing 12, a motor 60, a drive shaft 65, a gear 66, a cam 67, a follower 70, a spring 72, a plunger 74, and a piston 76. The motor 60 is connected to the drive shaft 65, which is in turn connected to the gear 66. The gear 66 is in mesh with the cam 67, which is connected to the follower 70. The follower 70 is connected to the spring 72, which is connected to the plunger 74. The plunger 74 is connected to the piston 76, which is in contact with the housing 12.

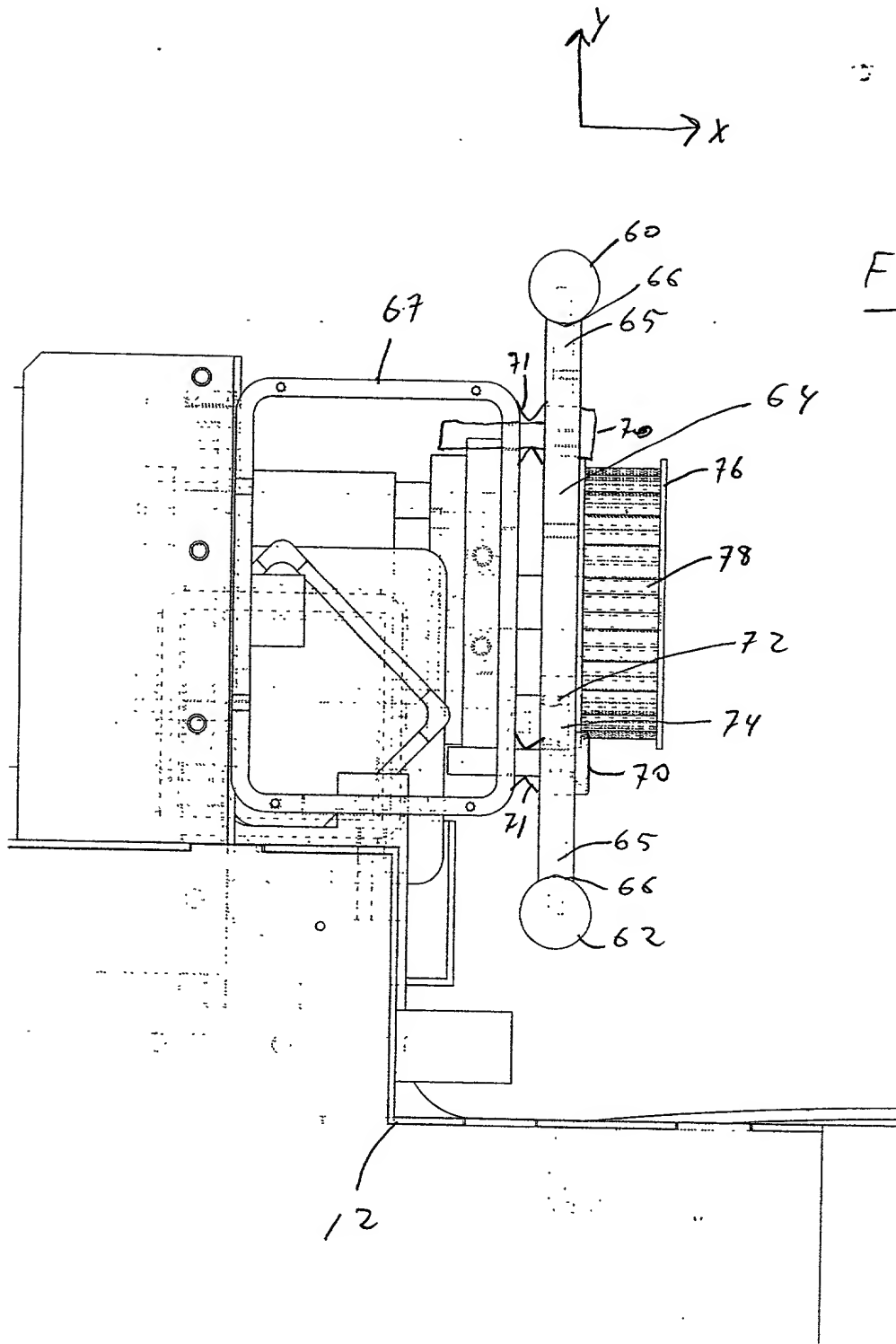


Fig. 4C

